



Model Number L5699-1S

Space Qualified GPS Filter/Amplifier

Rev -
04/03/12

Features:

- L1+L2 Operation
- Low Noise Figure
- Floating ground
- Components Up Screened per Mil-Std-1580A and Delta Microwave Up Screening Process

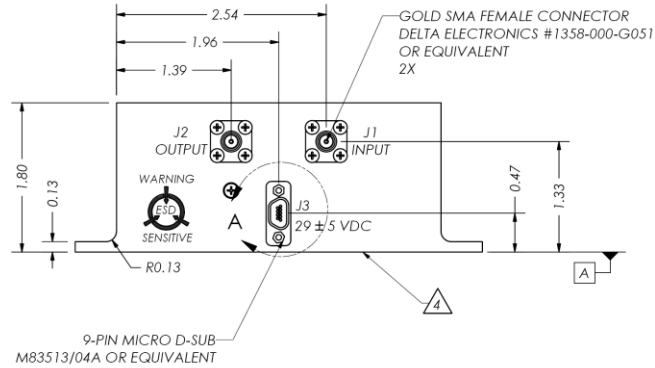
Applications:

- Booster
- Re-Entry Vehicle
- Test Equipment

Package size:

- 4.9" x 1.9" x 1.8"

(Please see outline for exact dimensions)



Electrical Specifications

Passband	1565 to 1585 MHz
Rejection	1217 to 1237 MHz
Below 1127MHz	60 dB Minimum
1327MHz to 1475MHz	60 dB Minimum
1675MHz to 10GHz	60 dB Minimum
Gain	33 dB \pm 3 dB
Gain Flatness	\pm 1 dB
1 dB Compression	-10 dBm Minimum
Steady-State Power Handling	50mW CW
Peak power Handling (10 μ sec width duty cycle of 1ms)	2 W
VSWR	2.0:1
Noise Figure	3.0 dB Max
Power Isolation	1M Ω between any of the power connector pins and the LNA case
Current Draw	125mA Max during operation at 28Vdc
Operational Temperatures	-24°C to +61°C
Connectors	(2x) SMA Female



Delta Microwave

300 Del Norte Blvd.
Oxnard, CA. 93030

Phone: 805.240.1044
Fax: 805.240.9544

email: sales@deltamicrowave.com
www.deltamicrowave.com

--	--

Written By Approved By

Delta Microwave reserves the right to change specifications without notice. Please verify specification revision letter upon order placement.